US Patent Application No. 10/571.735 Inventor: Janssen, Wilhelm et al

Amendments to the Claims:

The following listing of claims will replace all prior versions and listings of claims in the application:

1. (currently amended) Method A method for operating a frequency converter of for a generator in particular of a wind turbine[[,]] in the event of a substantial grid voltage drop in a grid, wherein the frequency converter (10) comprises an AC/DC converter (20), to be connected to the generator (14), a DC/AC converter (22) to be connected to the voltage grid (18), and a DC link circuit (24) for connecting the AC/DC converter (20) to the DC/AC converter (22), the method comprising the step of reducing at least one of:

reducing an output voltage of the DC link circuit (24) for increasing an output current of the DC/AC converter (22) and/or, and

reducing the <u>an</u> operation frequency of electronic switches (28) of the DC/AC converter (22) for increasing the output current of the DC/AC converter (22).

2. (currently amended) Method according to The method of claim 1, wherein the reducing step or at least one of the reducing steps is performed when, for a few seconds, the grid voltage is decreased up to at least about 10% of its normal value, and wherein the reducing step or at least one of the reducing steps is terminated when, for a few seconds, the normal grid voltage is increased again up to at least about 80% of its normal value.

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- 3. (currently amended) Method according to The method of claim 1, wherein the reducing step or at least one of the reducing steps is performed when, for a few seconds, the grid voltage is decreased up to at least about 20% of its normal value, and wherein the reducing step or at least one of the reducing steps is terminated when, for a few seconds, the normal grid voltage is increased again up to at least about 90% of its normal value.
- 4. (currently amended) Method according to The method of claim 1, wherein the <u>reducing</u> step of <u>comprises</u> reducing the output voltage of the DC link circuit (24) comprises by controlling the <u>a</u> time interval between the crossover <u>a zero-crossing</u> of the output voltage of a phase of the generator (14) and an operation of an electronic switch (25) of the AC/DC converter (20).
- 5. (currently amended) Method according to The method of claim 1, wherein the reducing step of comprises reducing the output voltage of the DC link circuit (24) comprises by reducing the a pulse width interval of the an electronic switch (25) of the AC/DC converter (20).
- 6. (currently amended) Method according to The method of claim 1, wherein the reduction of the output voltage of the DC link circuit (24) and/or the reduction of the operational frequency of the DC/AC converter (22) is/are the reducing step is performed such that the output current of the DC/AC converter is increased an increased current flow without a substantial change of the energy losses in the electronic switches (28) of the DC/AC converter.